

# Tocopherol Mixture Separation

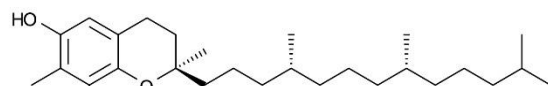
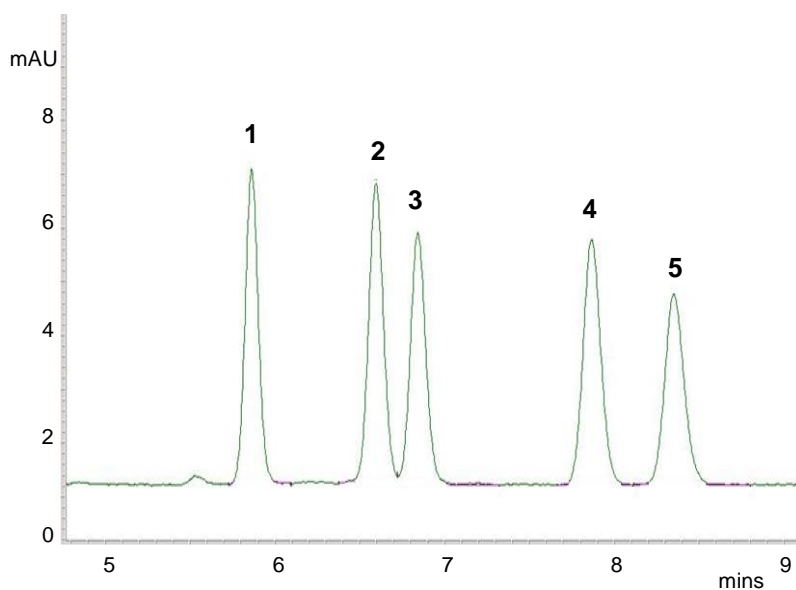
Application #AN3390

## Conditions

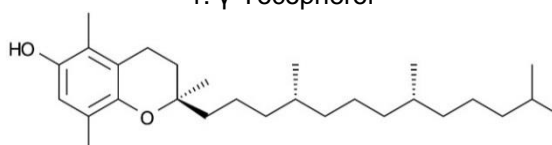
Column: ACE Excel 3 C18-PFP  
Dimensions: 150 x 4.6 mm  
Part Number: EXL-1110-1546U  
Mobile Phase: A: 0.1% H<sub>3</sub>PO<sub>4</sub>/MeCN (1:3 v/v)  
B: MeCN

Flow Rate: 1.2 mL/min  
Injection: 10 µL  
Temperature: 40 °C  
Detection: UV, 285 nm

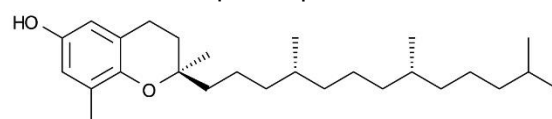
Time (mins)	%B
0.00	0
0.10	0
0.11	80
8.00	80
8.01	100
12.00	100
12.01	0
14.00	0



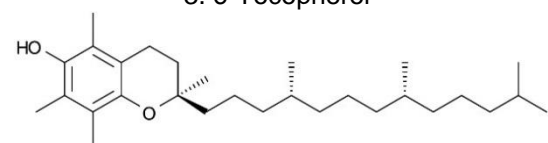
1. γ-Tocopherol



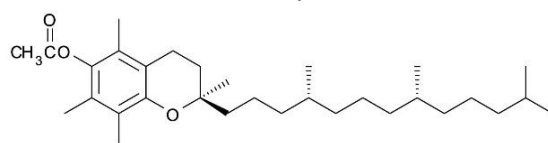
2. β-Tocopherol



3. δ-Tocopherol



4. α-Tocopherol



5. α-Tocopherol acetate

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